

R=CH₃=vinblastine

R=CHO=vincristine

FIG. 1

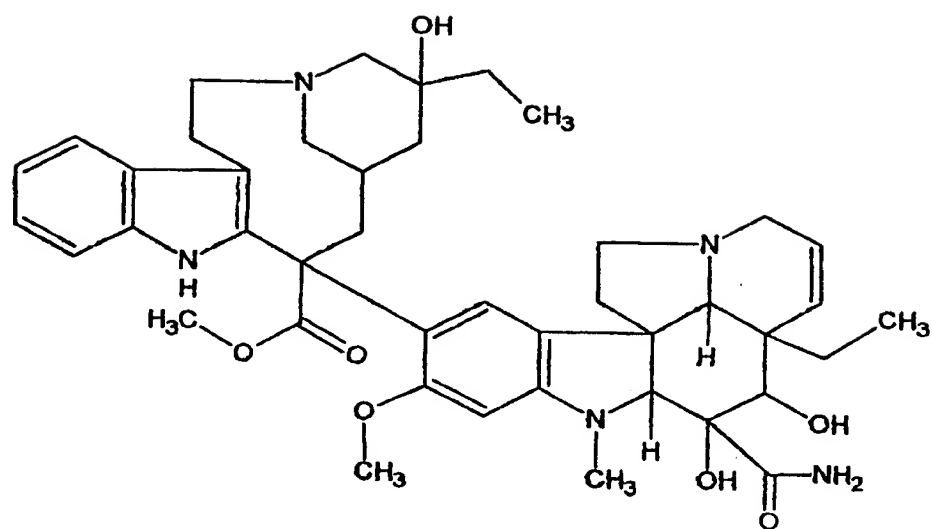


FIG. 2

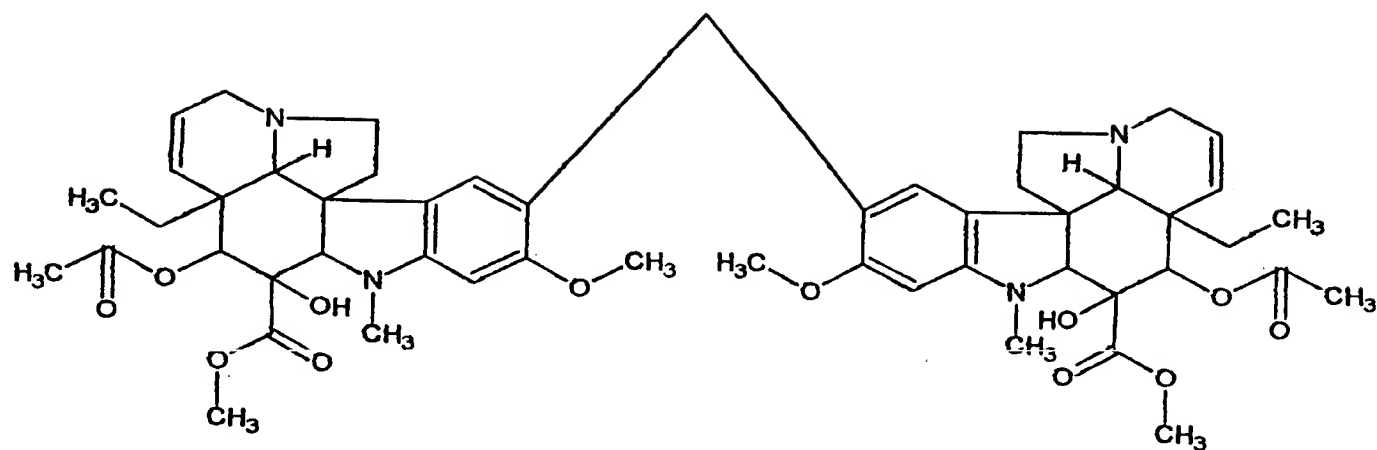


FIG. 3

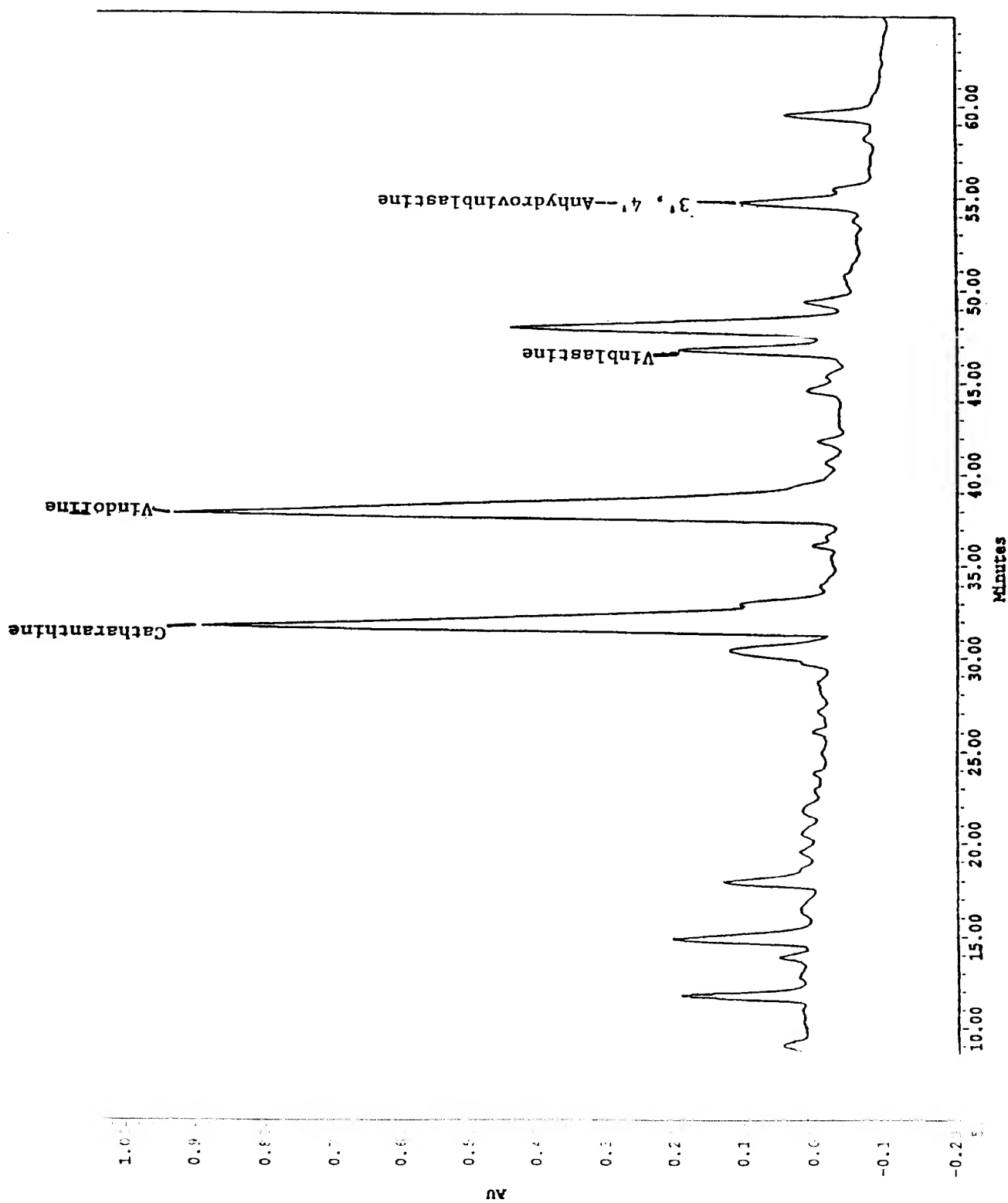


FIG. 4

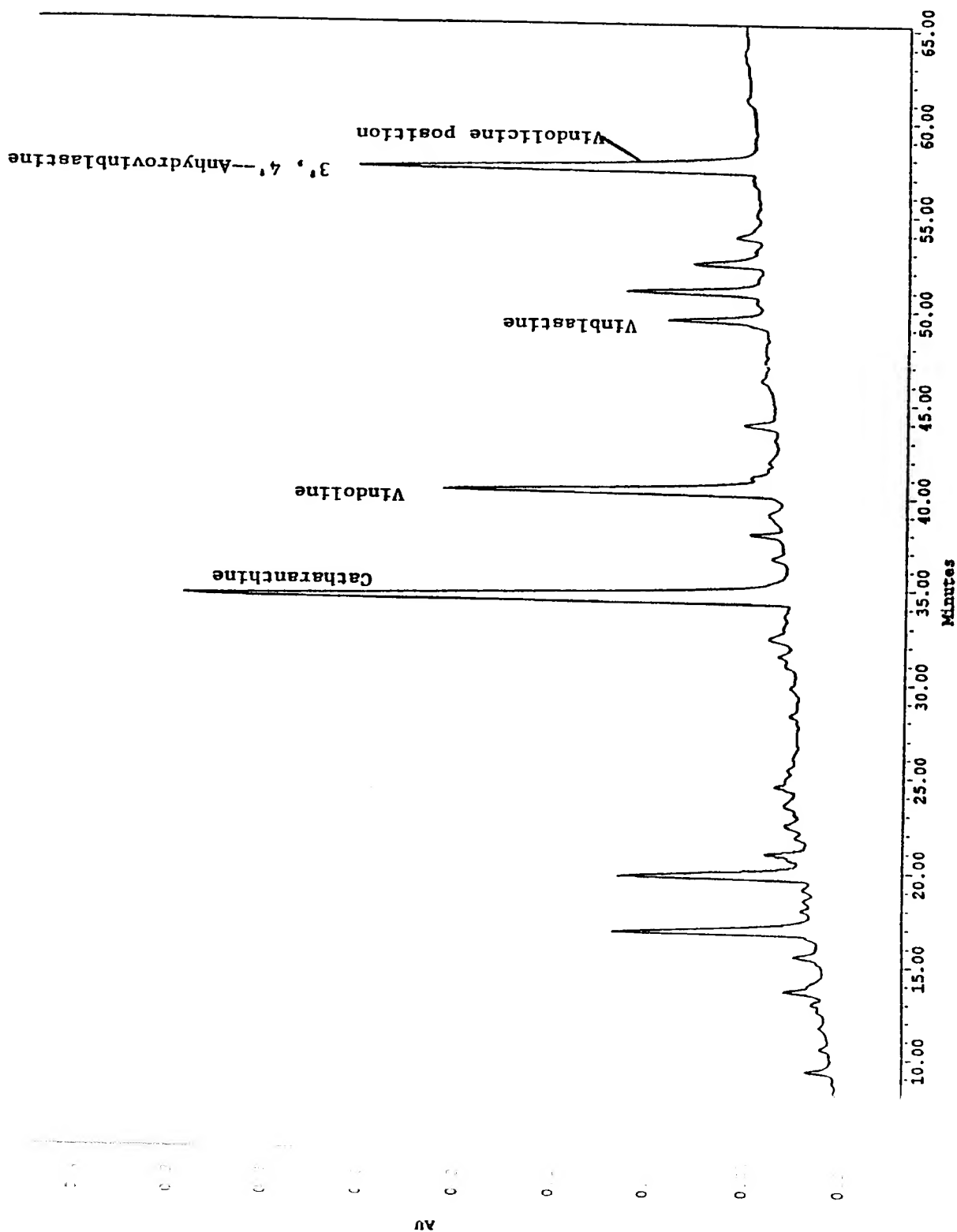


FIG. 5

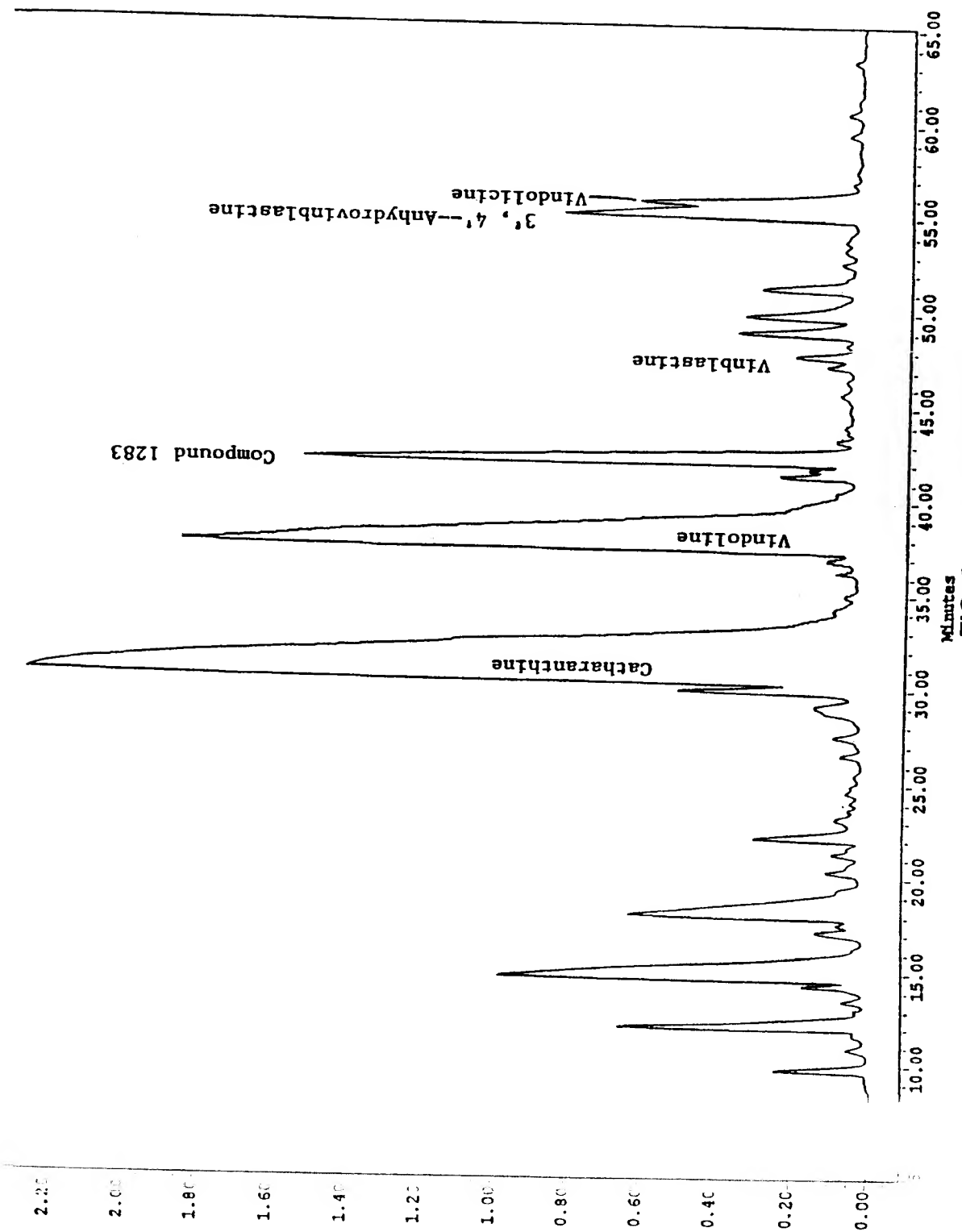


FIG. 6

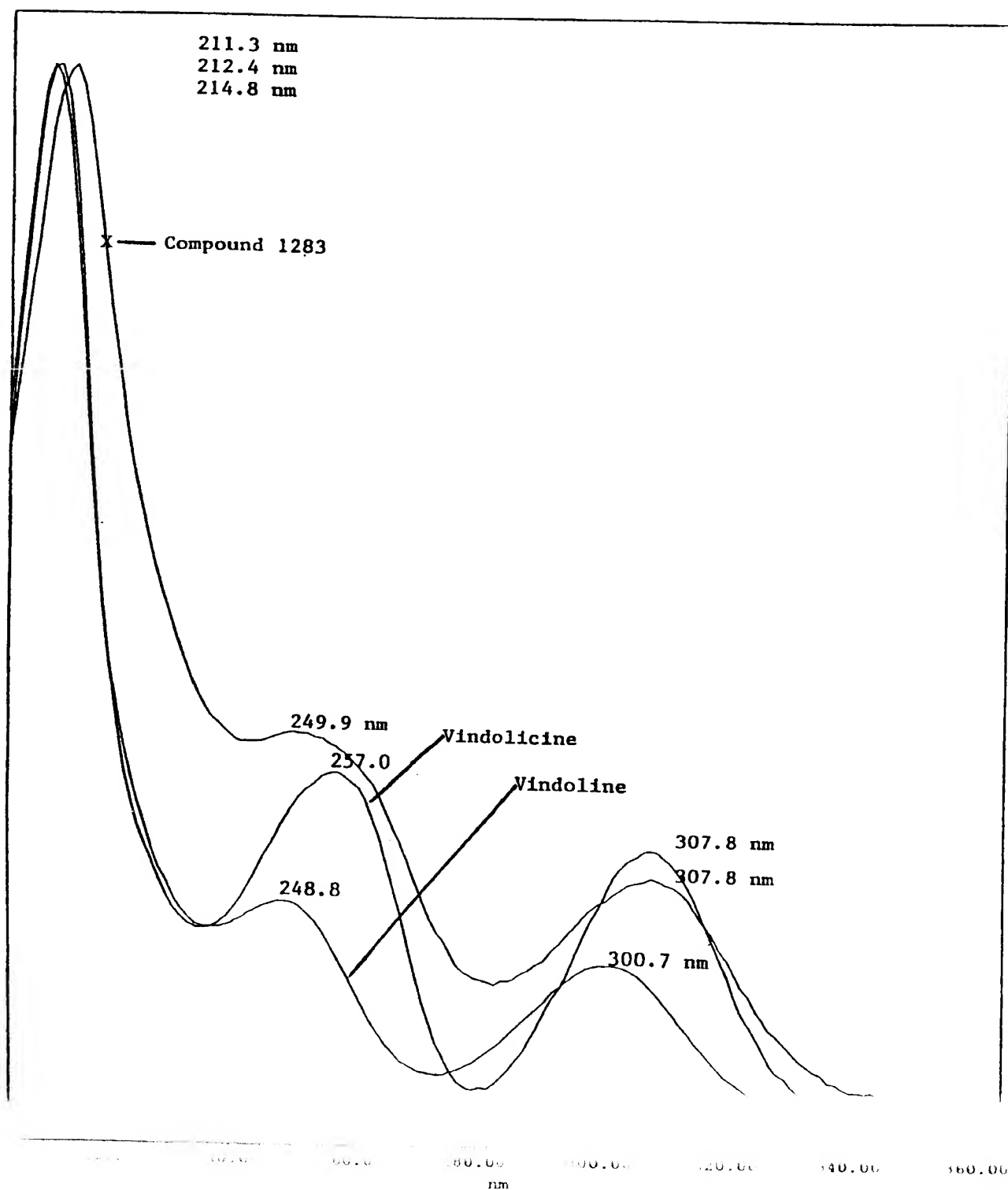


FIG. 7

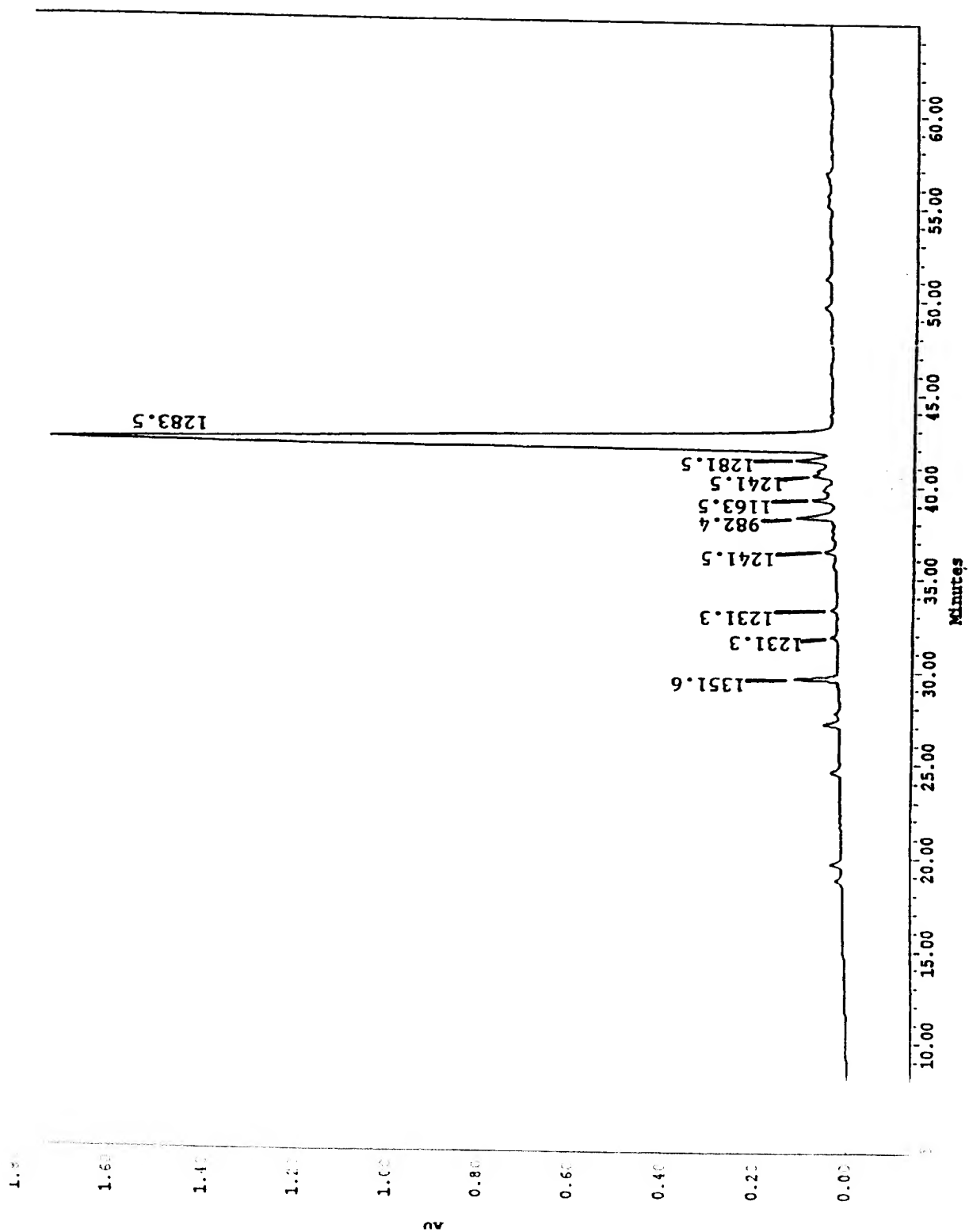


FIG. 8

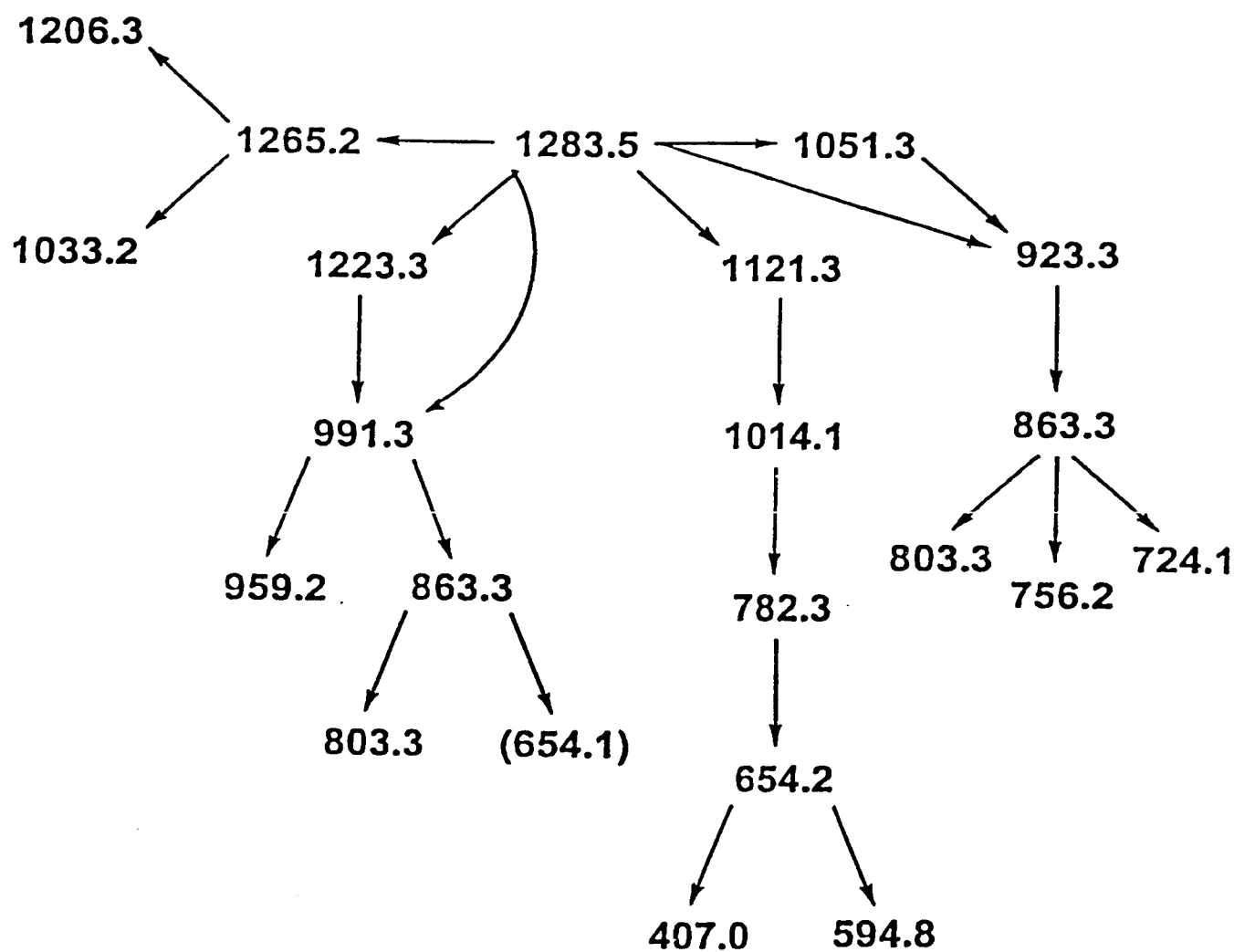


FIG. 9

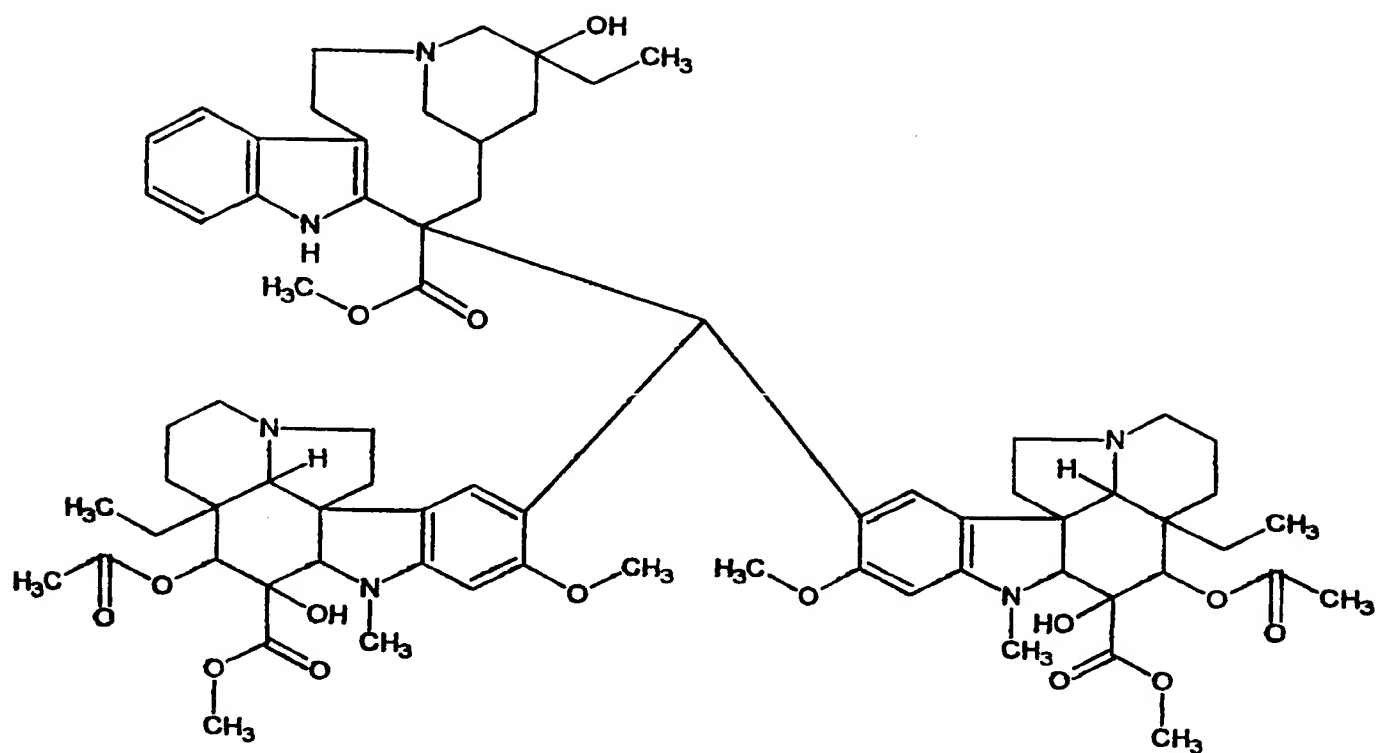


FIG. 10

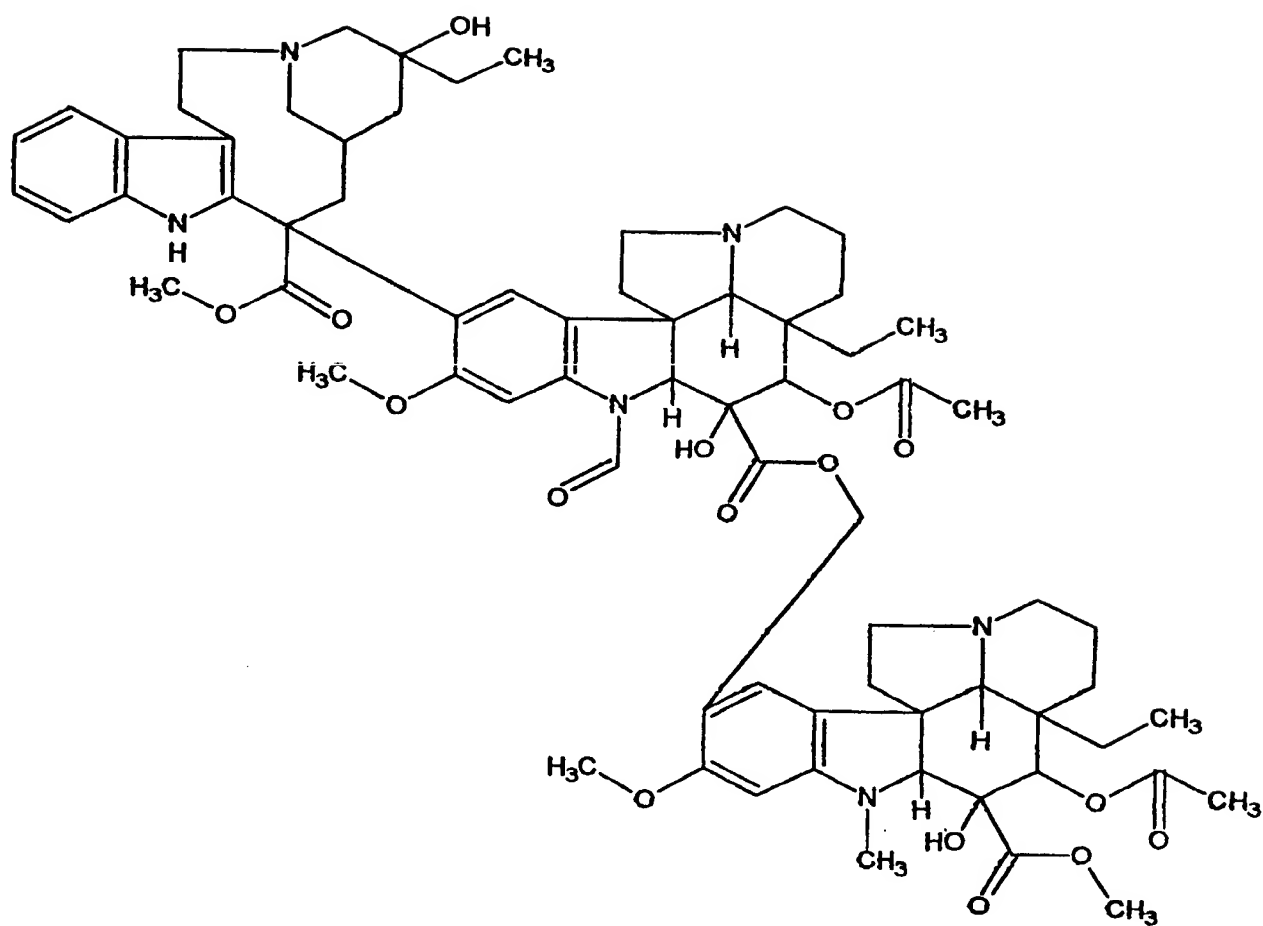


FIG. 11

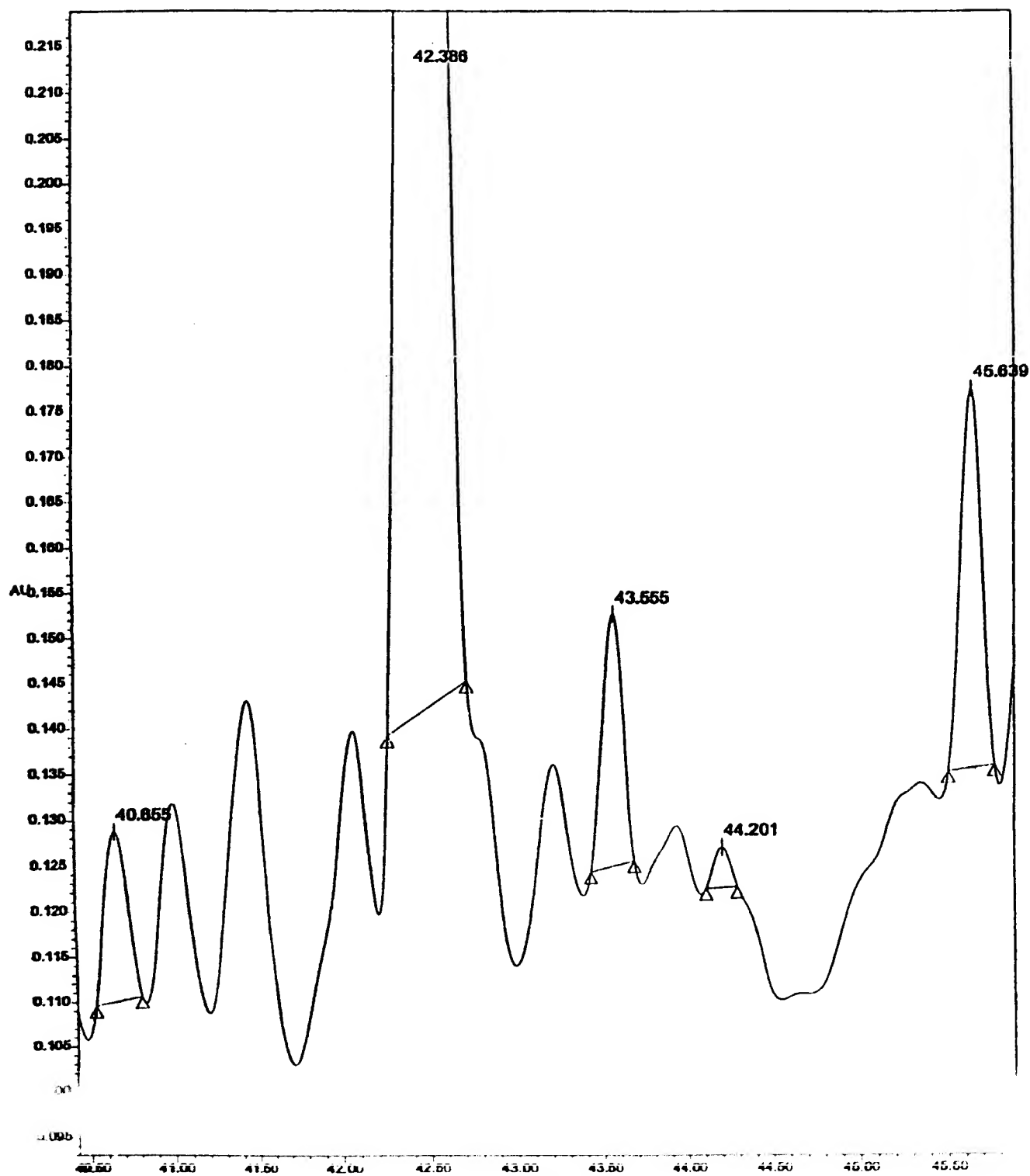


FIG. 12

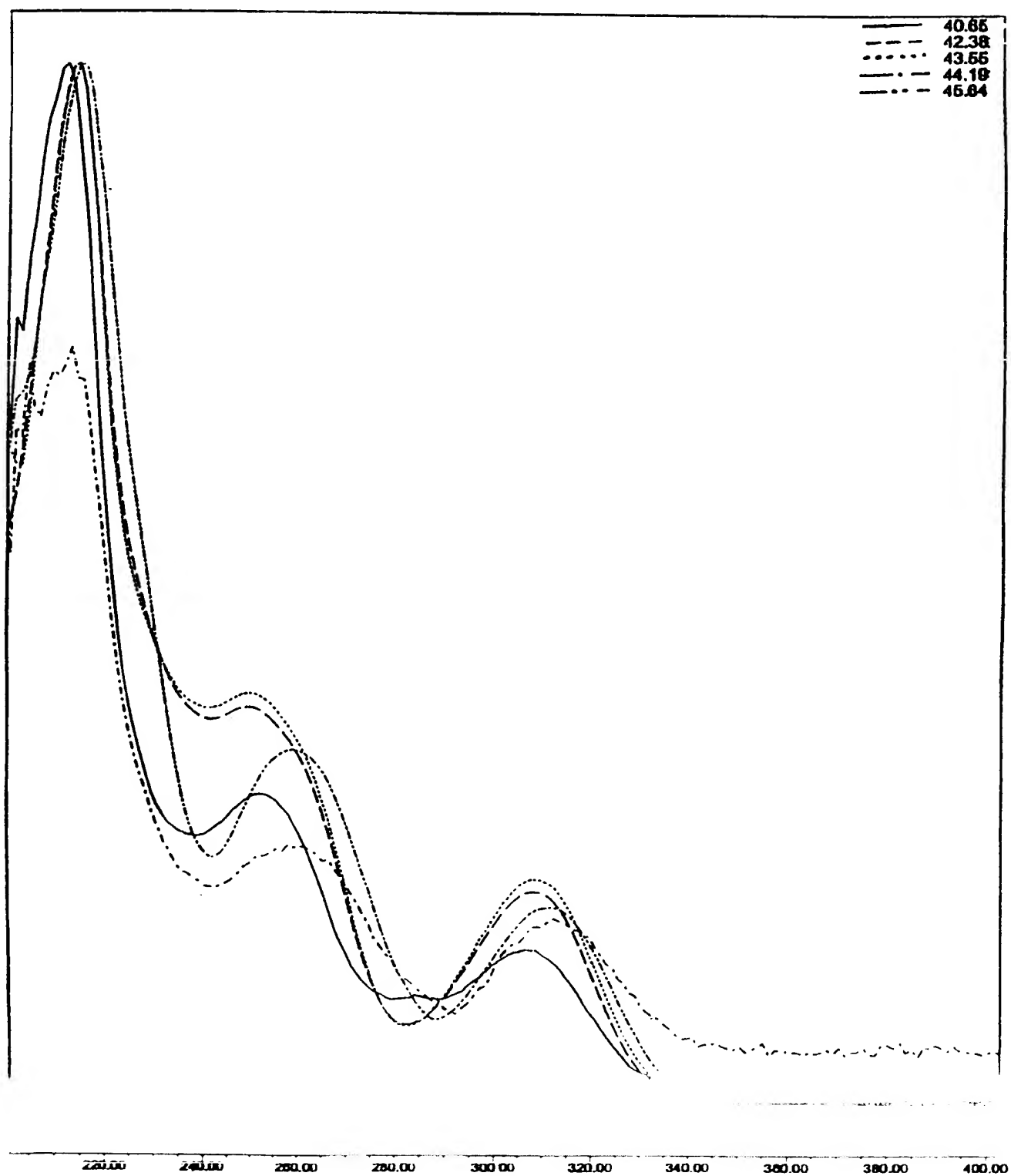


FIG. 13

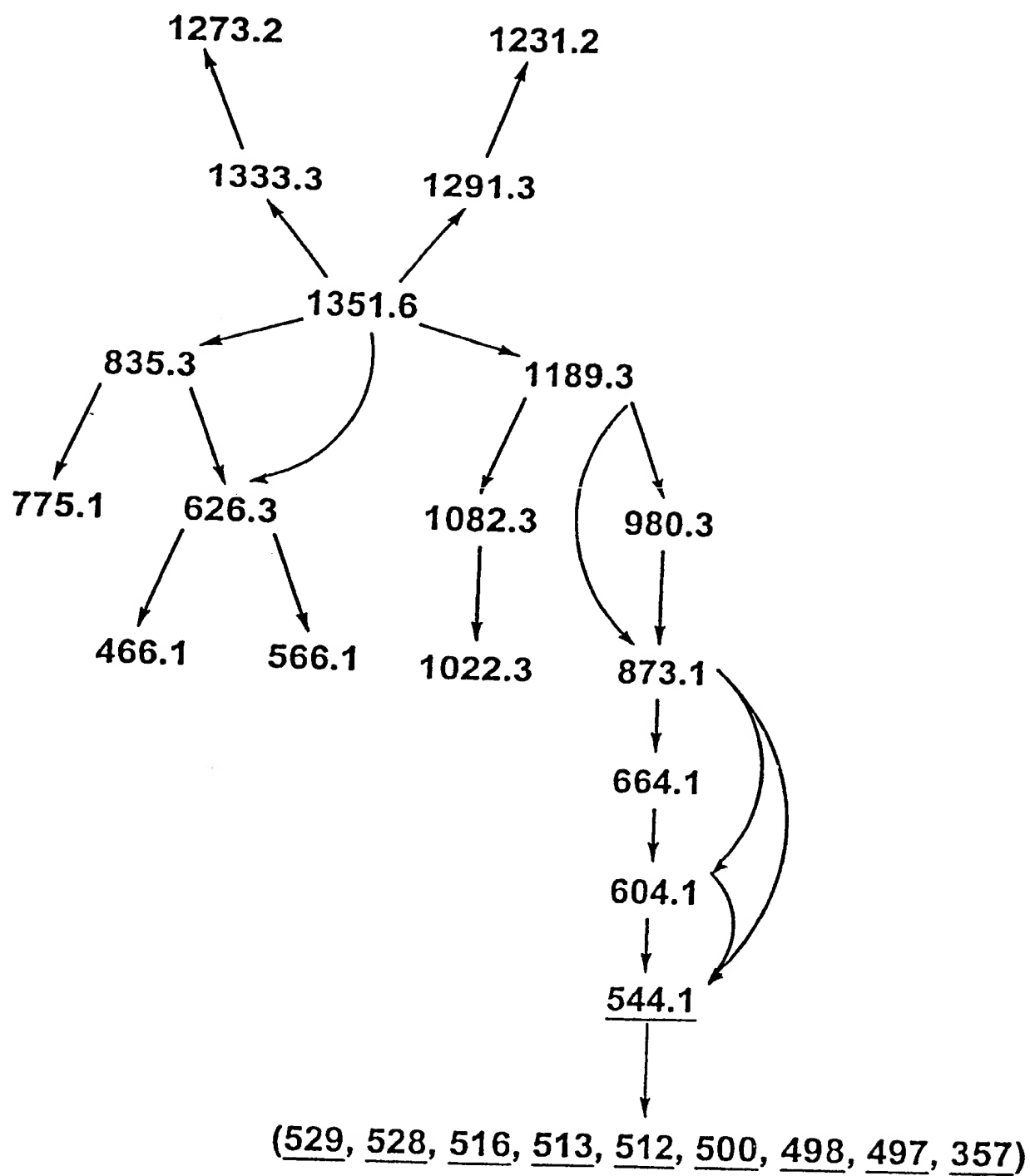


FIG. 14

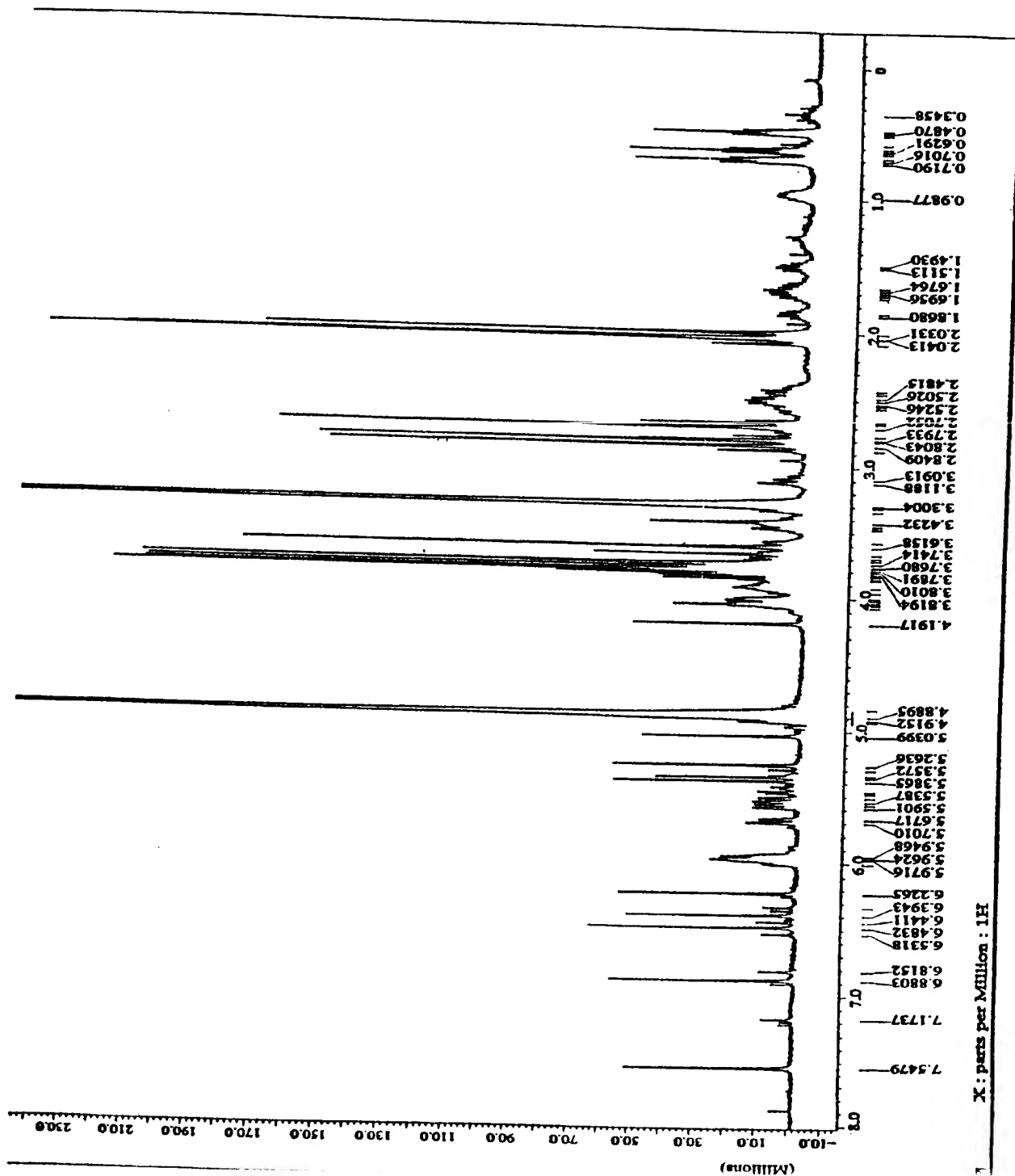


FIG. 15

X : parts per Million : 1H

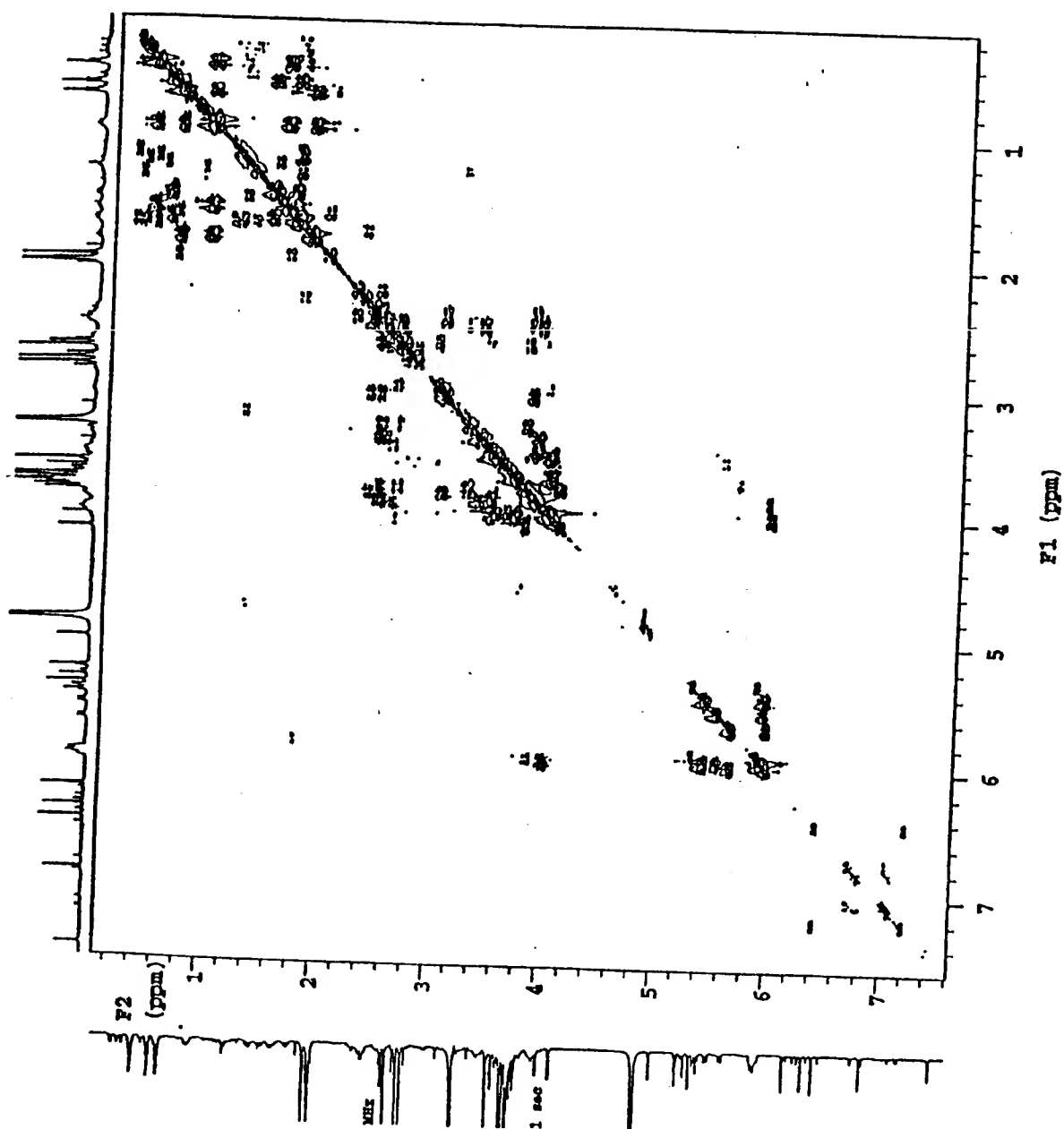


FIG. 16

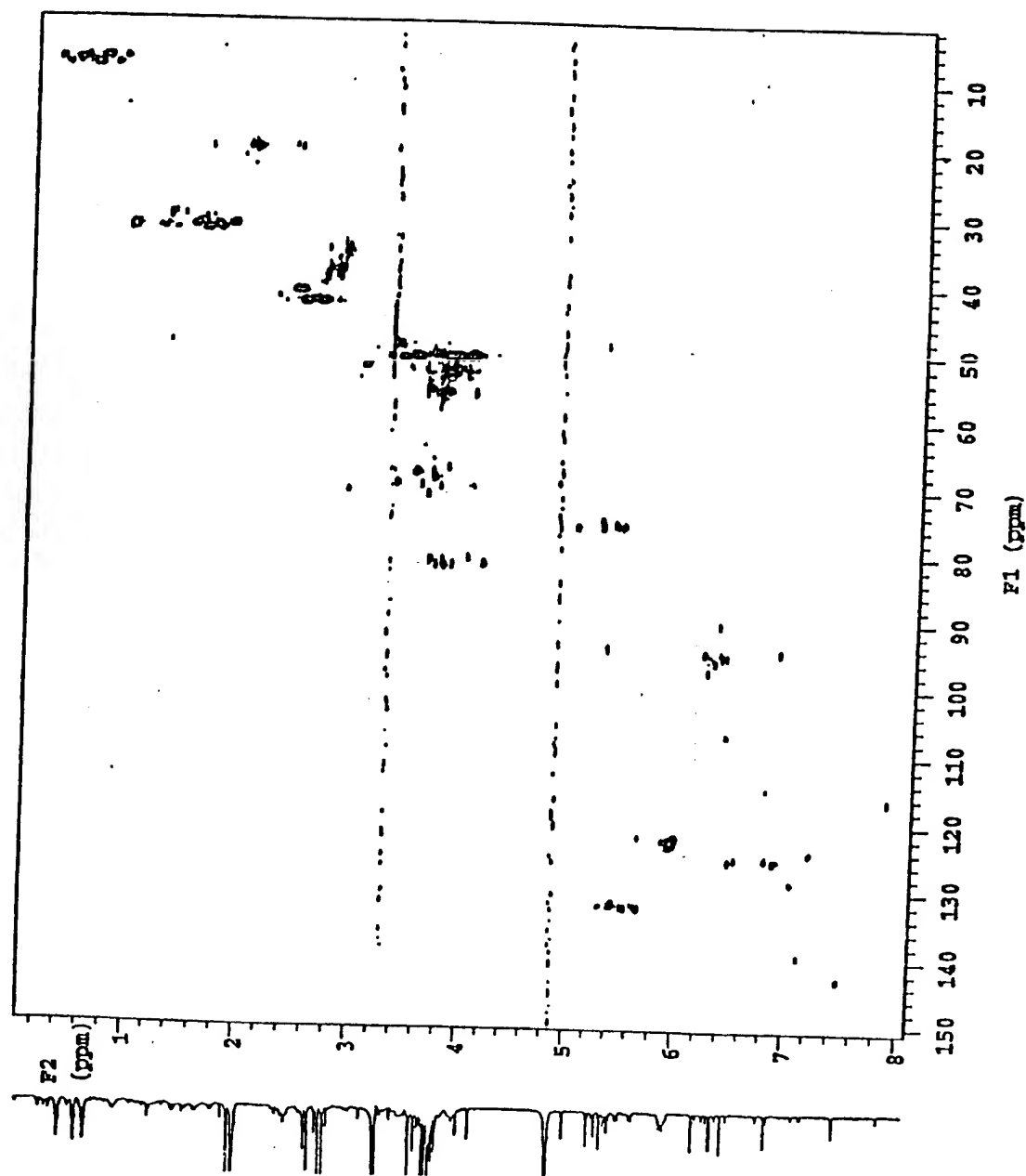


FIG. 17

Ha
224
mls
137
sol-d4

45

45
27 1999 dfrq 500.134
cd3od dn H1
exp dpr 40
ITION dof 0
125.770 dn XYV
C13 dma V
0.533 dmf 12366
32000 dseq
30018.8 dres 1.0
not used homo n
128 temp 20.0
DEC2
56 dfrq2 0
8.0 dm2
1.500 dpr2 1
0 dof2 0
1e+09 dm2 n
0 dmm2
n dmf2
42 dseq2
dres2
n homo2
n lb
y lb
nn wtfile
proc
551.9 fn
5511.3 math
7203
0 werr
200 wexp
27.56 wbs
500.00 wnt
9071.8
6162.1
10
100.000

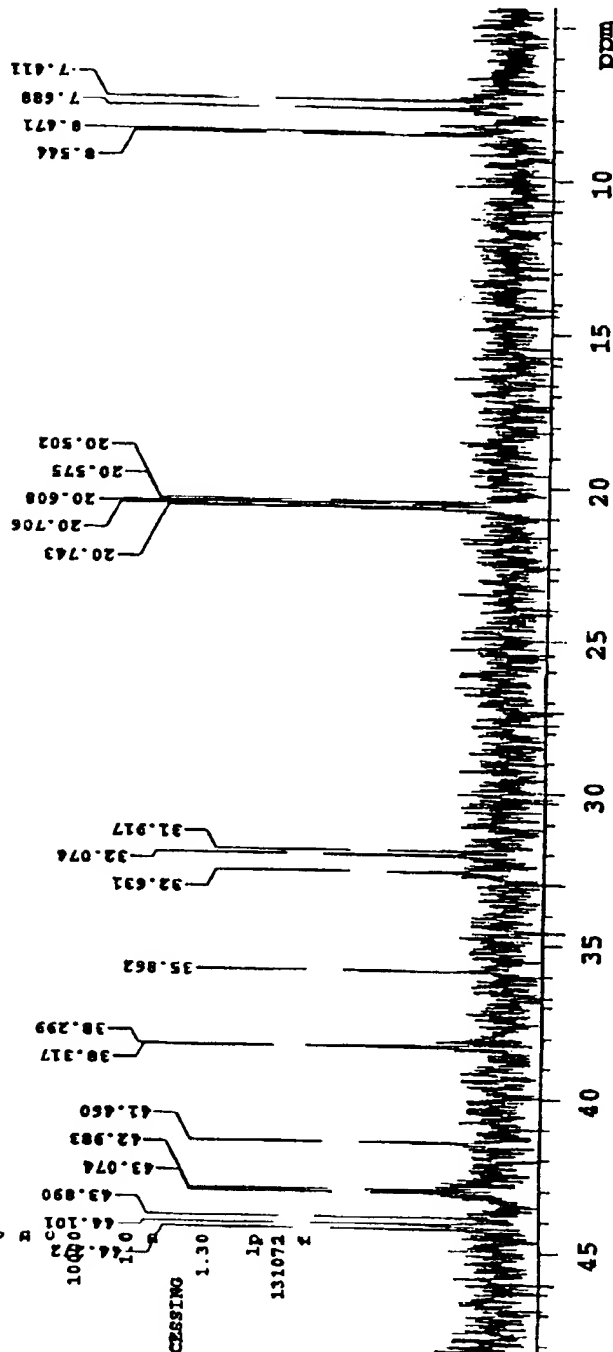


FIG. 18A

1 1
2 1
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86 1
87 1
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89 1
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92 1
93 1
94 1
95 1
96 1
97 1
98 1
99 1
100 1

100.000

NAME DEC. & VT
Jul 27 1999 dfrq 500.134
cd3od dn H1
exp dpwr 40
POSITION dof 0
125.770 dn YYY
C13 dnm W
0.533 dnf 12346
32000 deeq
30018.8 dres 1.0
not used homo n
128 temp 20.0
DEC2
56 dfrq2 0
8.0 dn2
1.500 dpwr2 1
0 dof2 0
1e+09 dnf2 n
0 dnm2 c
n dnf2 10000
42 dres2 1.0465
n homo2 1.30
PROCESSING
y lb
n n wtfile
proc lp
14350.8 dn 131072
8229.5 math f
7203
0 verr
200 weqp
41.15 wbs
500.00 wnt
9071.8
6162.1
10
100.000

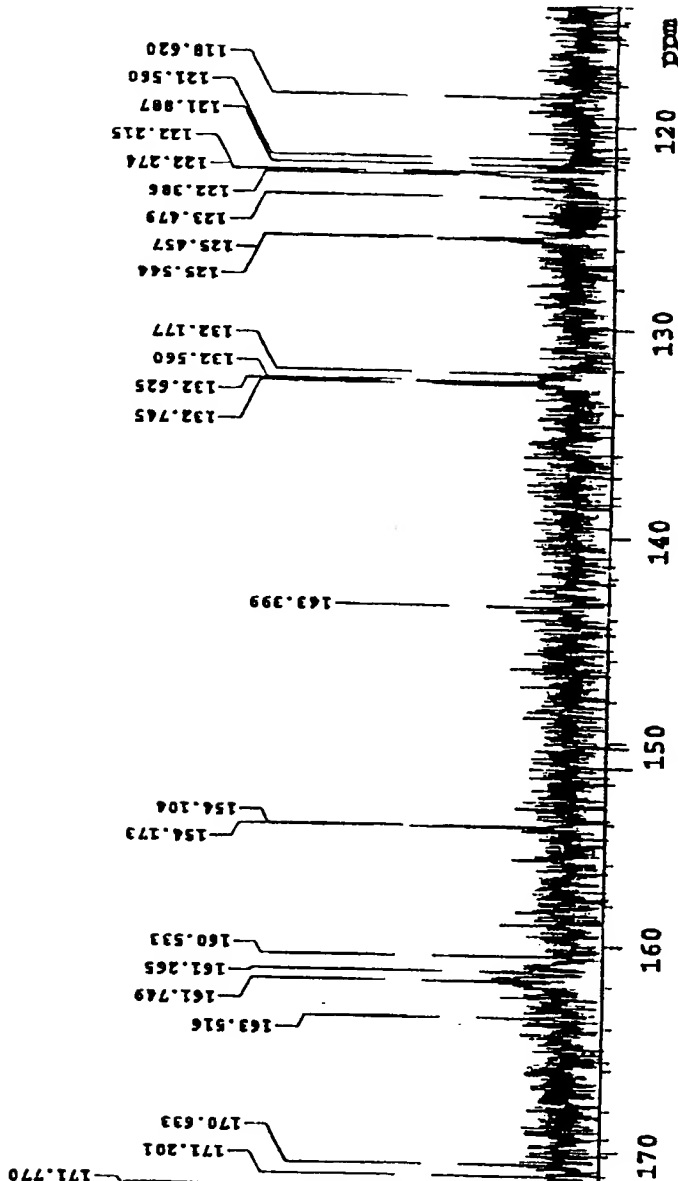


FIG. 18B

22-1
pool
ethanol-d4

spul

SAMPLE DEC. & VT
Jul 27 1999 dirq 500.134
c30d dn H1
exp dpr 40
QUISITION dof 0
125.770 dn YYY
C13 dnm w
0.533 dmf 12346
32000 dseq
30018.8 dres 1.0
not used homo n
128 temp 20.0
2 DEC2
56 dfrq2 0
8.0 dm2
1.500 dper2 1
0 dof2 0
1e+09 dm2 n
0 dnm2 c
n dmf2 10000
42 dseq2
dres2 1.0
n homo2 n
PROCESSING
Y lb 1.30
nm wtfile
proc lp
6257.4 fn 131072
6466.2 math z
7203
0 werr
200 wexp
32.23 wbs
500.00 wnt
9071.8
6162.1
10
100.000
ph

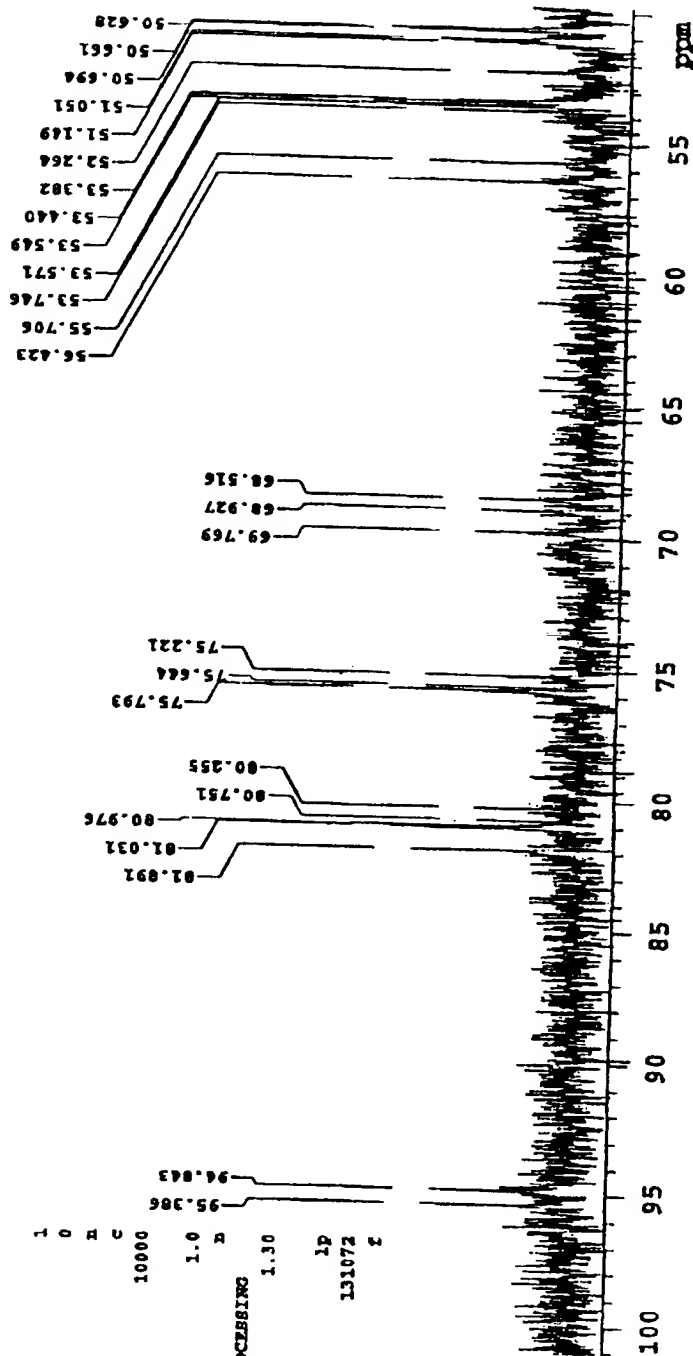


FIG. 18C

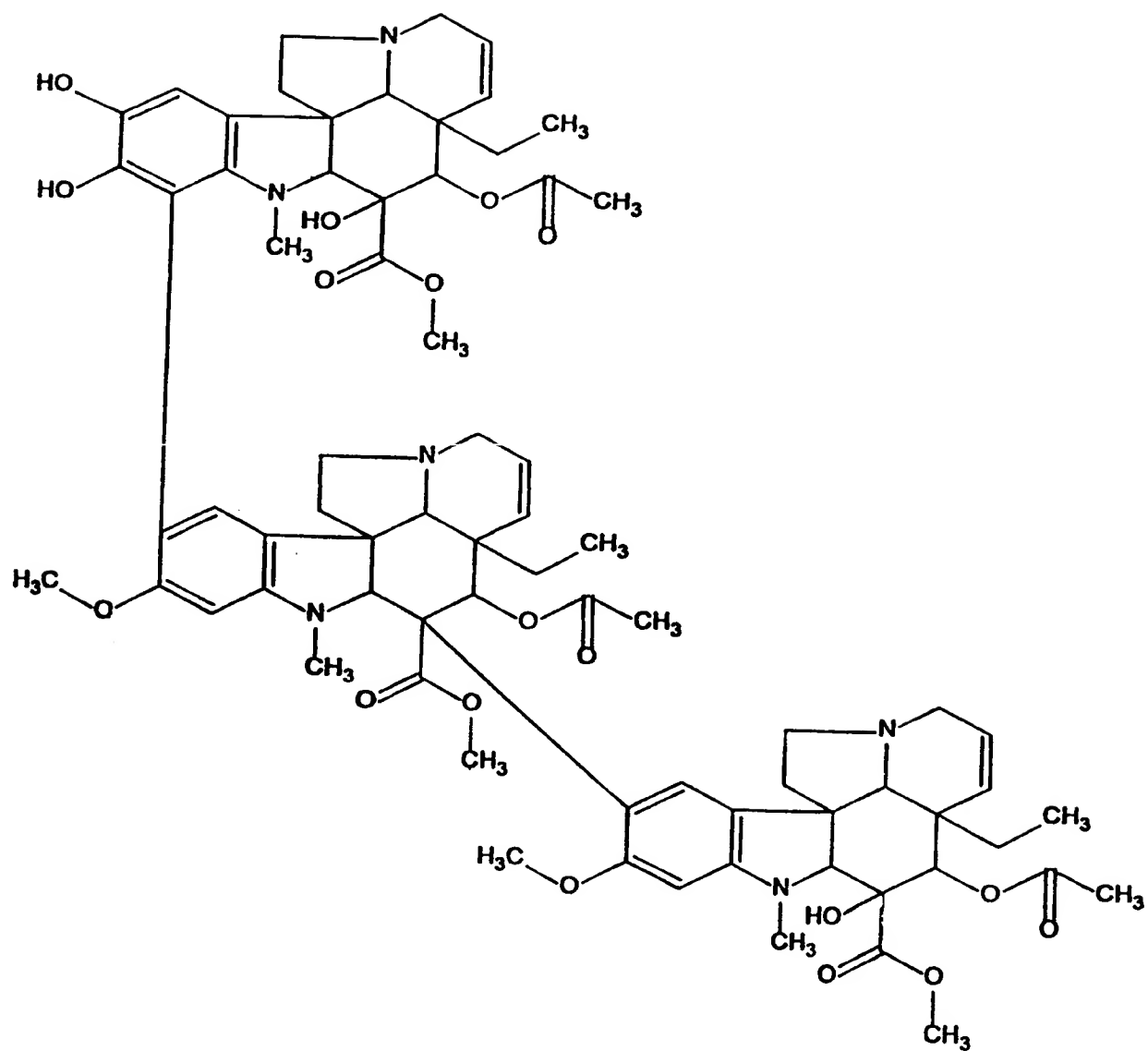


FIG. 19

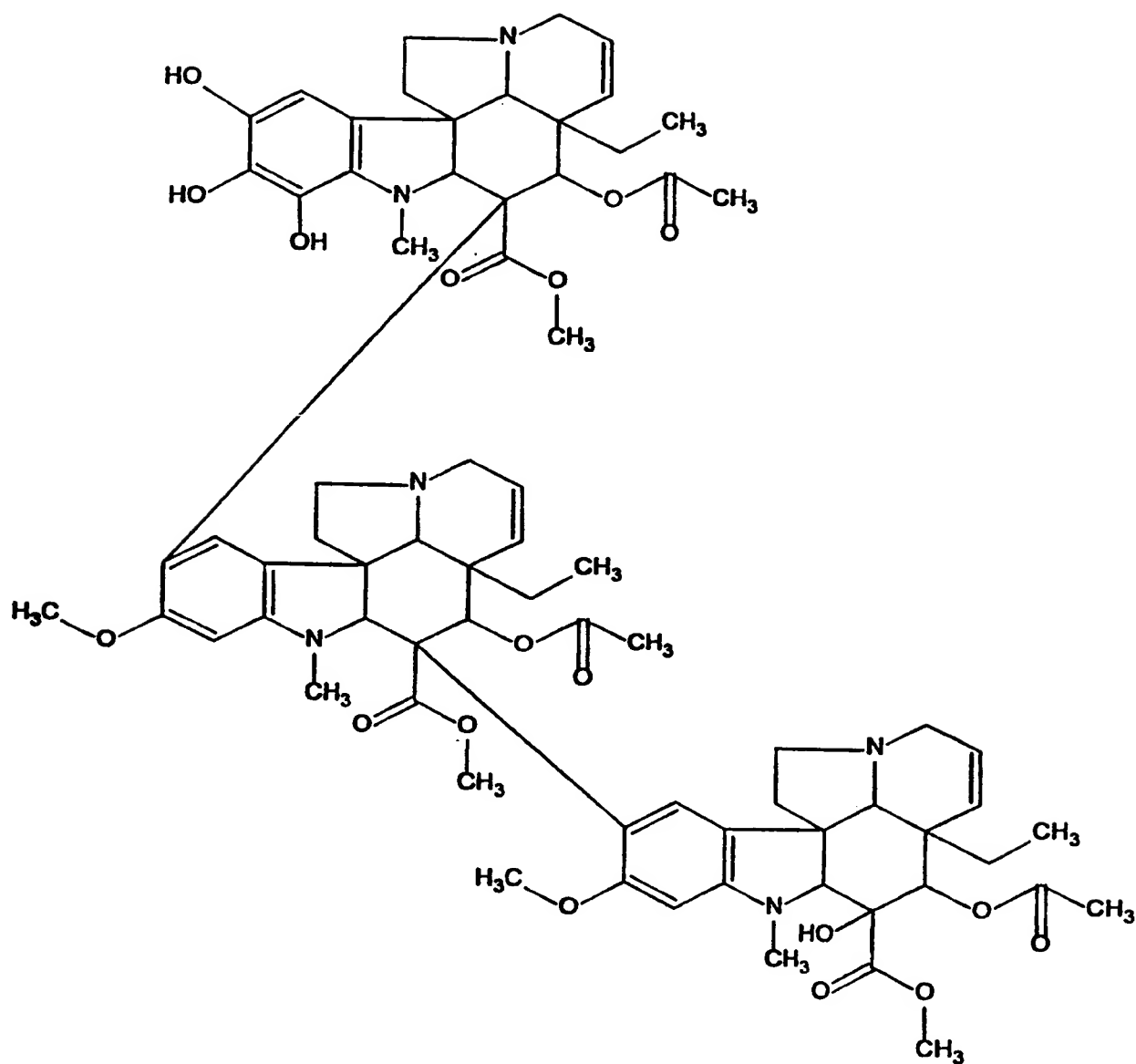


FIG. 20

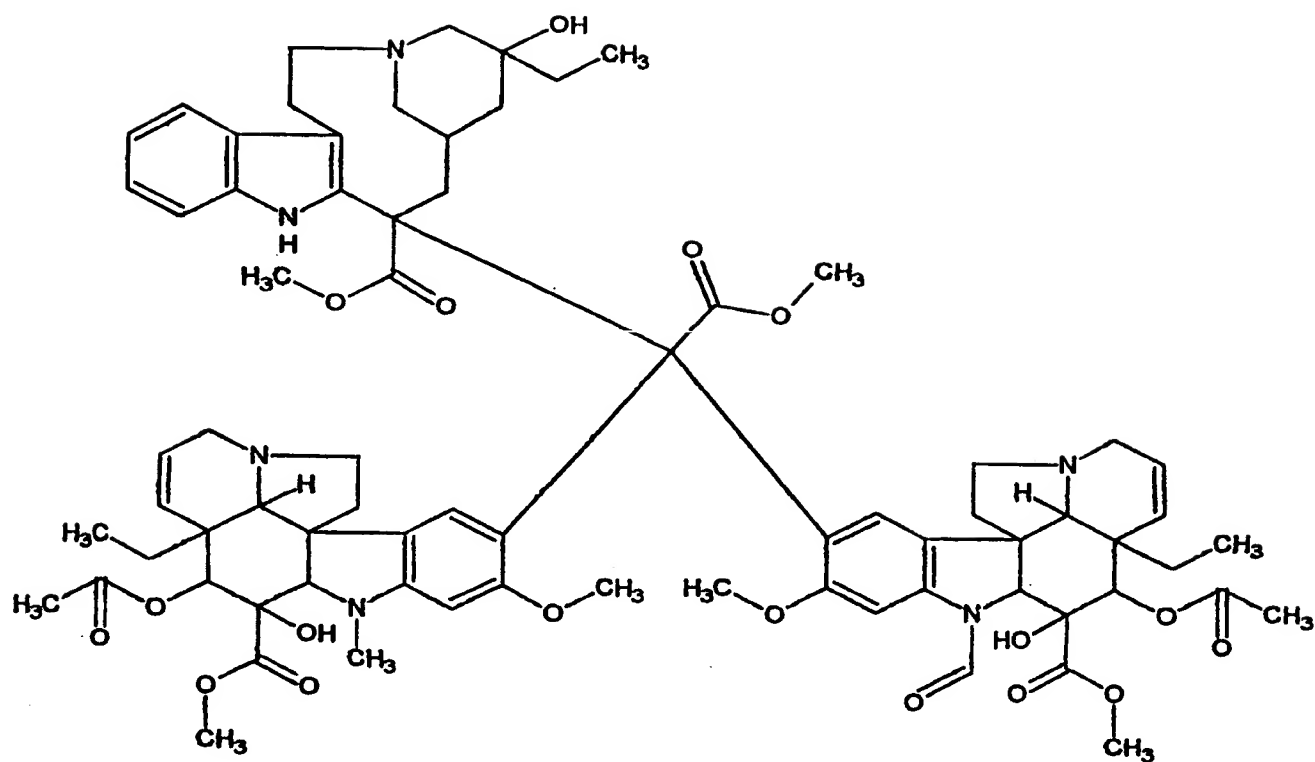


FIG. 21

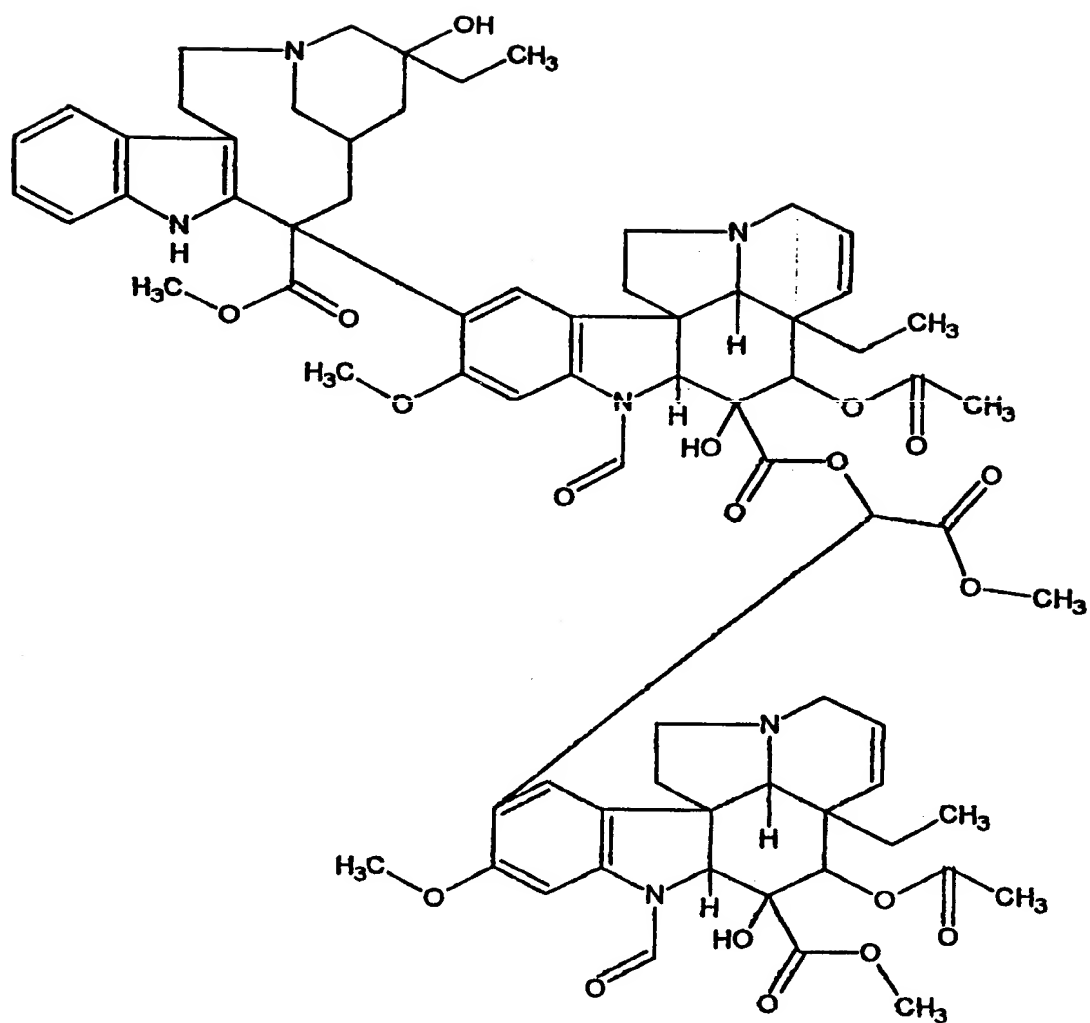


FIG. 22